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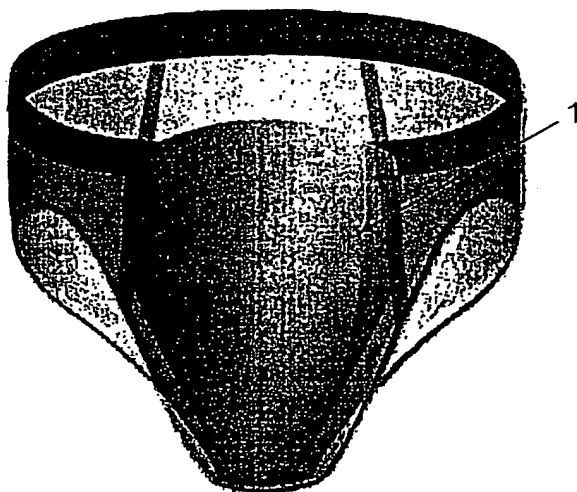
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(54) Title: DISPOSABLE HYGIENIC ABSORBENT FOR GERIATRIC USE FOR MEN



(57) Abstract: The present invention relates to a new hygienic absorbent for geriatric use and for use in hospitals and the like, more specifically for use by male patient suffering from urinary incontinence, that is, that have problems in retaining the urine, even if only occasionally. The problem faced and solved by the present invention applies mainly to the geriatric market and to post-surgery care of prostate and urinary apparatus and the present invention refers to an hygienic absorbent particularly designed to avoid that the clothes used be moistened by contact with the body secretions. The disposable hygienic absorbent for geriatric use for men according to the present invention comprises a small, anatomically conformed body (1) manufactured from a material having the property of absorbing liquids, said body (1) having a substantially trapezoidal configuration with a smaller base (2) having approximately half the length of the upper base (3) and slightly curved lateral sides (4), with free peripheral edges (5) and a central portion (6) with suitable dimensions for receiving a layer

of an adhesive material and a protective peel-off cover (7) applied over said central portion (6).

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# "DISPOSABLE HYGIENIC ABSORBENT FOR GERIATRIC USE FOR MEN"

## Background of the Invention

## Field of the Invention

The present invention relates to a new hygienic  
5 absorbent for geriatric use and for use in hospitals and the  
like. More specifically, the present invention refers to an  
hygienic absorbent particularly designed for use by male  
patient suffering from urinary incontinence, that is, that  
have problems in retaining the urine.

## 10 Description of the Prior Art

As it is widely known, after a certain age it is  
usual for men to present a tendency to have prostate problems  
that in most cases need a surgical procedure to be solved.

Usually, after the required hospital and medical  
15 care the patient is perfectly able to return to his normal day  
to day life activities. However, this type of surgery leaves a  
permanent damage that most known surgical techniques cannot  
avoid, which is the urinary incontinence.

Several researches were made and it was observed  
20 that this is a market niche still unexplored and that there  
are no really efficient devices that are also comfortable  
designed for daily use. What can be found on the market are  
adaptations and variations of the disposable diapers  
originally designed for children and redesigned for adult

sizes, mainly destined for patients in bed, that require products with a great capacity of absorbing liquids.

Outside this segment, there were found no devices with small dimensions, for daily use, similar to the  
5 disposable, hygienic absorbents for women, which are small and practical.

The problem faced and solved by the present invention applies mainly to the geriatric market and to post-surgery care of prostate and urinary apparatus and the present  
10 invention refers to an hygienic absorbent particularly designed to avoid that the clothes used be moistened by contact with the body secretions.

#### Summary of the Invention

With the above problems in mind, a product having  
15 small dimensions, anatomically tested and found to be extremely comfortable was developed, which has the capability of absorbing small amounts of bodily secretions, namely urine, similarly to a modern feminine hygienic absorbent.

Additional objects and advantages of the invention  
20 are set forth in part in the description which follows and in part are obvious from the description, or may be learned from the practice of the invention. The objects and advantages of the invention also may be realized and attained by means of the features particularly pointed out in the attached claims.

25 Brief Description of the Drawings

The accompanying drawings, which are incorporated in and constitute a part of the specification, illustrate a preferred embodiment of the invention, and together with the description serve to explain the principles of the invention.

5 In the drawings:

Figures 1 to 6 are different perspective views of the disposable absorbent applied to a piece of underwear;

Figure 6 is a schematic representation of the disposable absorbent with the protective peel-off cover  
10 partially removed;

Figure 7 is a perspective view of the disposable absorbent ready to be positioned within the underwear; and

Figure 9 is a side elevational view showing the positioning of the disposable absorbent in the underwear.

15 Description of a Preferred Embodiment

A specific embodiment of the presently preferred embodiment of the present invention is illustrated as example in the attached drawings and will be further described in detail hereinafter. However, it shall be understood that while  
20 the present invention is susceptible to several modifications and alterations of configuration and dimensions, the purpose of the present specification is not to limit the invention to the particular forms and/or dimensions described herein but, instead, to cover all the modifications and alternative

embodiments that are within the spirit and scope of the invention, as defined by the attached claims.

With particular reference now to the drawings, the object of the present invention is a disposable hygienic absorbent particularly designed for use by male patient suffering from urinary incontinence. The absorbent 1 essentially comprises a small, anatomically conformed body, manufactured from a material having the property of absorbing liquids.

10           The body portion 1 has a substantially trapezoidal configuration with a smaller base 2 having approximately half the length of the upper base 3, and its lateral sides 4 are slightly curved, with free peripheral edges 5 to provide additional comfort, said body 1 providing an anatomically comfortable format for receiving and accommodating the penis  
15 of the user.

Said body 1 has a central portion 6 with suitable dimensions for receiving a layer of an adhesive material and a protective peel-off cover 7 is applied over said central  
20 portion 6.

Figure 7 shows the disposable hygienic absorbent with the peel-off protective cover 7 partially removed and Figures 8 and 9 show the manner and position said absorbent body 1 is positioned within a piece of underwear.

The absorbent material to be used can be a filler comprised of a thin layer of cellulose impregnated with an absorbing product.

Having described and illustrated what is  
5 considered the best form presently contemplated for embodying the present invention, various modifications e variations in its form of manufacture will be promptly apparent to those skilled in the art. Therefore, it is to be understood that the present invention is not limited to the practical aspects of  
10 the actual preferred embodiments hereby illustrated and described, and that any such modifications and variations must be considered as being within the spirit and the scope of the invention, as described in the attached claims.

What is claimed is:

1. A disposable hygienic absorbent for geriatric use for men, said absorbent essentially comprising a small, anatomically conformed body (1) manufactured from a material  
5 having the property of absorbing liquids, said body (1) having a substantially trapezoidal configuration with a smaller base (2) having approximately half the length of the upper base (3) and slightly curved lateral sides (4), with free peripheral edges (5) and a central portion (6) with suitable dimensions  
10 for receiving a layer of an adhesive material and a protective peel-off cover (7) applied over said central portion (6).



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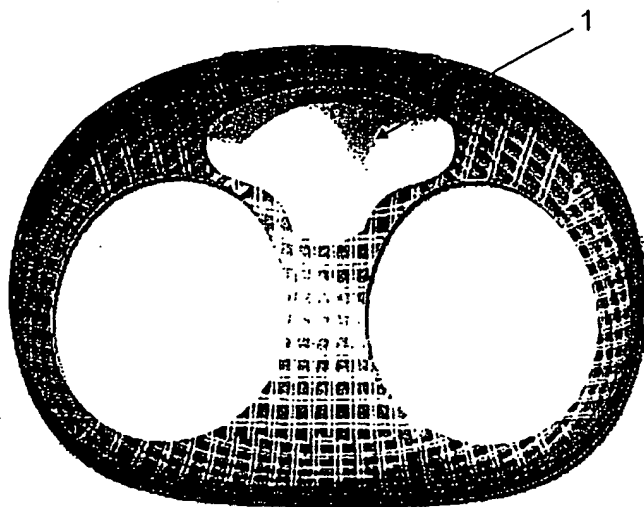


FIGURA 1

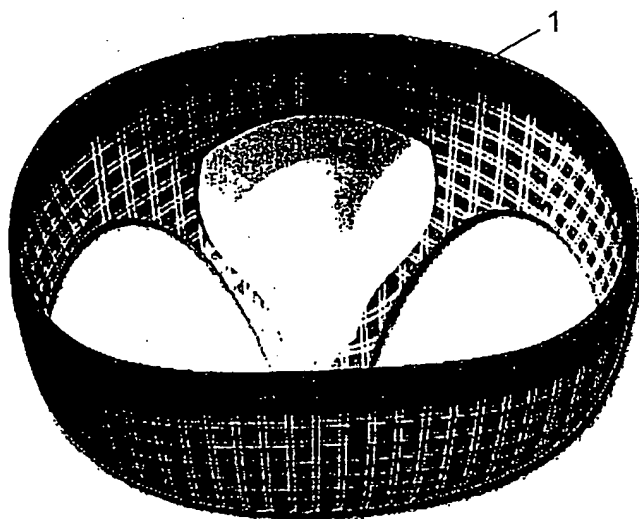


FIGURA 2

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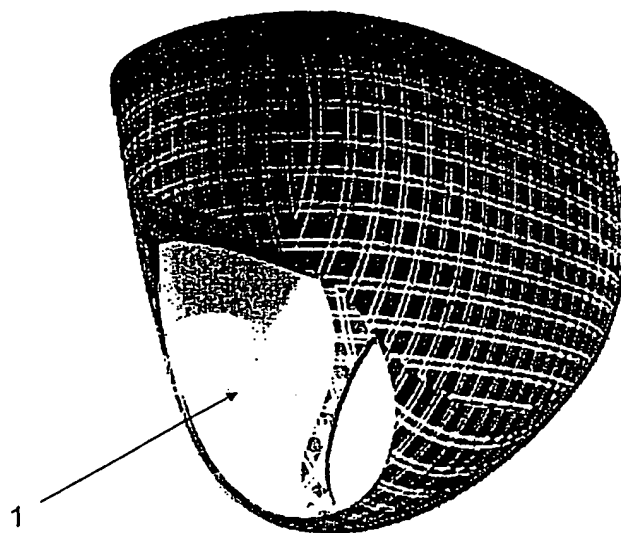


FIGURA 3

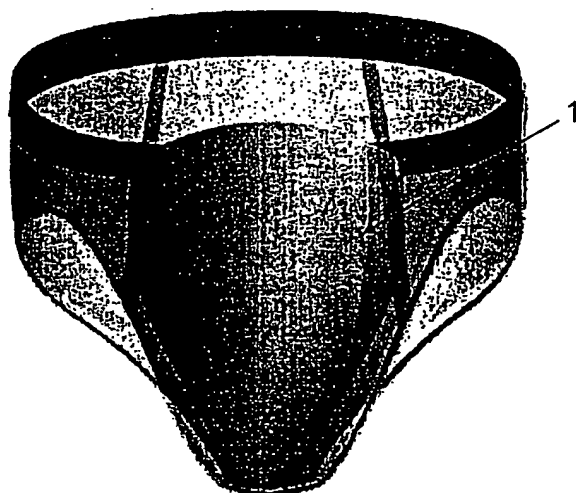


FIGURA 4

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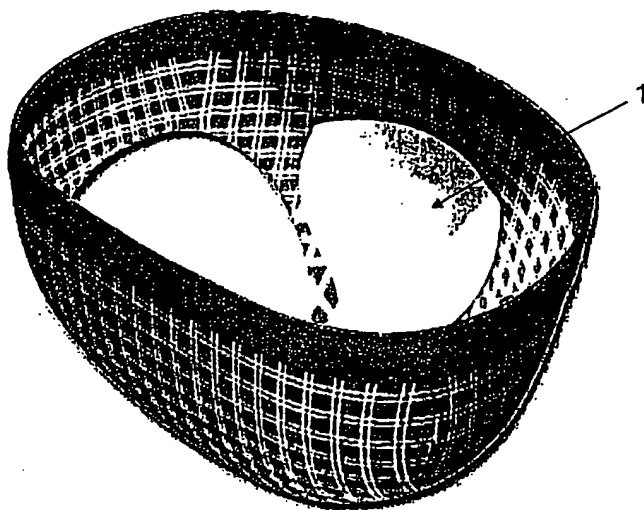


FIGURA 5

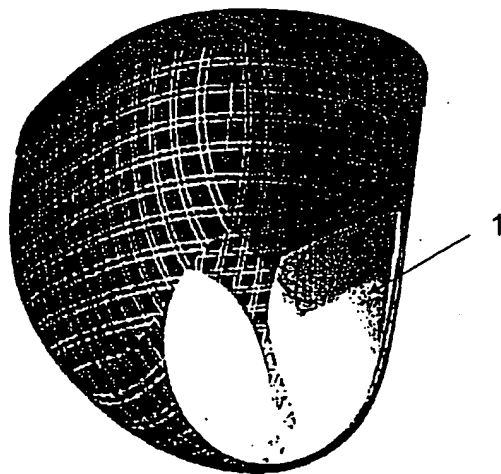


FIGURA 6

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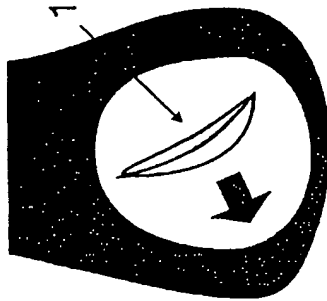


FIGURA 9

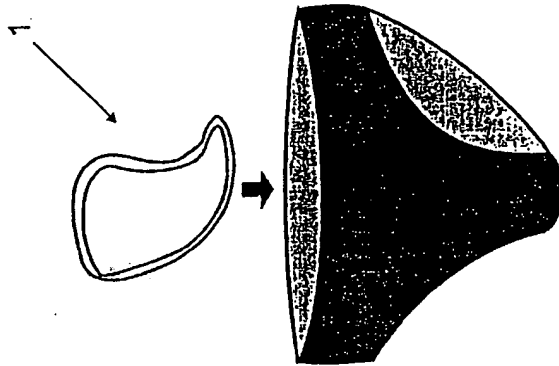


FIGURA 8

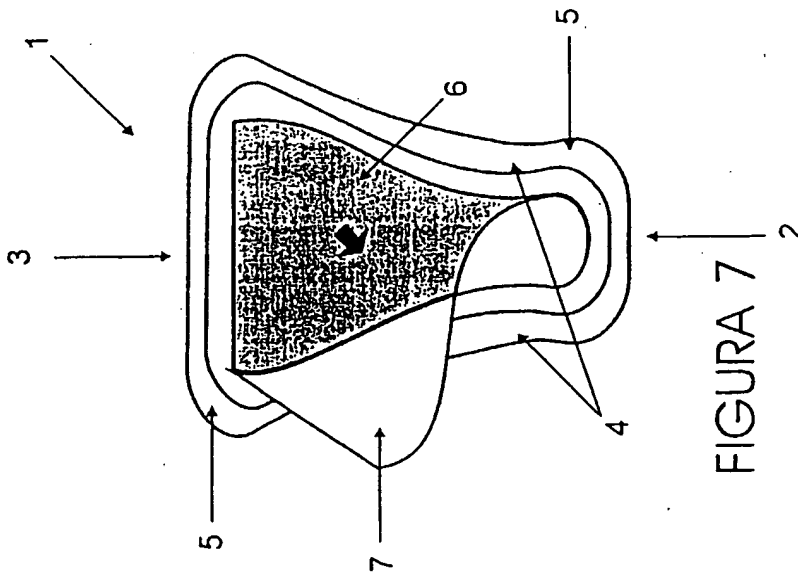


FIGURA 7